



PTO/SB/08B (08-00)

Approved for use through 10/31/2002. OMB 0651-003

U.S. Patent & Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets necessary)				COMPLETE IF KNOWN	
				Application Number	10/644,395
				Filing Date	August 19, 2003
				First Named Inventor	Frederik Marcel van der Vliet
				Group Art Unit	2874
Examiner Name	Wood, Kevin S.				
SHEET	1	OF	3	Docket Number	LIGHT2700

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
KSW	1	4,747,654		Yi-Yan	May 31, 1988	
KSW	2	4,813,757		Sakanao et al.	March 21, 1989	
KSW	3	4,836,645		Lefevre et al.	June 6, 1989	
KSW	4	4,846,542		Okayama et al.	July 11, 1989	
KSW	5	4,956,682		Ohnaka et al.	September 11, 1990	
KSW	6	5,013,113		Soref	May 7, 1991	
KSW	7	5,231,683		Hockaday et al.	July 27, 1993	
KSW	8	5,347,601		Ade et al.	September 13, 1994	
KSW	9	5,511,142		Horie, et al	April 23, 1996	
KSW	10	5,581,643		Wu	December 3, 1996	
KSW	11	5,710,847		Takano et al.	January 20, 1998	
KSW	12	6,278,168 B1		Day	August 21, 2001	
KSW	13	6,393,272 B1		Brinkman et a.	May 21, 2002	6,393,172
KSW	14	6,885,795		Hsu et al.	April 26, 2005	
KSW	15	6,921,490 B1		Qian et al	July 26, 2005	
KSW	16	2003/0133661A1		Adibi, et al.	July 17, 2003	
KSW	17	2003/0044118A1		Zhou, et al.	March 6, 2003	

8/13
1.1.

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ³
		Office ³	Number ⁴	Kind Code ⁵ (If known)				
KSW	18	EPO	0849615A2		Alcatel Alsthom Compagnie Generale D'Electricite	6/24/1998		
KSW	19	EPO	11064657	JP	Hitachi Cable Ltd.	3/5/1999		
KSW	20	JP	04358105A		Fujitsu Ltd.	12/11/1992		
KSW	21	JP	63197923		NEC Corp	8/6/1988		

8/13
1.1.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁴
KSW	22	ARONSON, L. B. et al., Low-Cost Multimode WDM for Local Area Networks Up to 10 Gb/s, IEEE Photonics Technology Letters, Vol. 10, No. 10, October 1998, pp 1489-1491.	
KSW	23	BABA, S. et al., A Novel Integrated-Twin-Guide (ITG) Optical Switch with a Built-In TIR Region, IEEE Photonics Technology Letters, Vol. 4, No. 5, May 1992, pp 486-488.	
KSW	24	BETTY, I. et al., A Robust, Low-Crosstalk, InGaAsP/InP Total-Internal-Reflection Switch For Optical Cross-Connect Application	
KSW	25	BRENNER, T. et al., Vertical InP/InGaAsP Tapers for Low-Loss Optical Fibre-Waveguide Coupling, Electronics Letters 22 nd October 1992 Vol. 28 No. 22, pp. 2040-2041.	
KSW	26	BURNS, W.K. et al., Mode Conversion in Planar-Dielectric Separating Waveguides, IEEE Journal of Quantum Electronics, VOL QE-11, No.1, Jan 1975; pg 32-39	
KSW	27	DUMBRAVESCU, N., 3-D Resolution Gray-Tone Lithography, Proceedings of SPIE Vol. 4019 (2000) pp. 570-577.	
KSW	28	GOEL, K. et al Design Considerations for Low Switching Voltage Crossing Channel Switches, Journal of Lightwave Technology, VOL 6, No.6, June 1988; pg 881-886	

Kevin S Wood 4/1/06